

I claim:

1. An audio mixing console, comprising:
  - at least one input connector for receiving a video signal for broadcast;
  - 5 at least one input connector for receiving an audio signal;
  - a control panel that includes a plurality of user operable audio channel controls,
  - wherein each of said user operable audio channel controls is operable to select a
  - predetermined audio processing function for a respective audio channel;
  - at least one display monitor integral to the audio console for displaying a video
  - 10 signal for broadcast;
  - and a signal processing unit for generating an audio output signal.
2. The audio mixing console of claim 1, further comprising a meter bridge that includes an indicator corresponding to a channel control function.
- 15 3. The audio mixing console of claim 1, wherein said audio mixing console generates a real-time audio signal that corresponds to a real-time video signal generated from a television camera.
- 20 4. The audio mixing console of claim 1, wherein said display monitor is a liquid crystal display (LCD) monitor.

5. The audio mixing console of claim 2, wherein said display monitor is integral to the meter bridge.
6. The audio mixing console of claim 1, comprising more than one display monitor.
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7. The audio mixing console of claim 6, further comprising:  
a meter bridge that includes an indicator corresponding to a channel control function, and wherein each display monitor is integral to the meter bridge.
- 10 8. The audio mixing console of claim 6, wherein each display monitor is a liquid crystal display (LCD) monitor.
9. The audio mixing console of claim 1, wherein said video signal is generated from a video recording with accompanying audio.
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10. The audio mixing console of claim 1, wherein said video signal is generated from a videotape without accompanying audio.
11. The audio mixing console of claim 1, wherein said video signal is generated from
- 20 a video camera.

12. The audio mixing console of claim 1, wherein said audio output signal corresponds with a video signal.
13. The audio mixing console of claim 1, wherein a display monitor is a program out  
5 monitor that displays an output video signal.
14. The audio mixing console of claim 1, wherein a display monitor is a program preview monitor that displays a possible next video selection.
- 10 15. The audio mixing console of claim 1, comprising at least 6 display monitors integral to the audio console.
16. The audio mixing console of claim 15, further comprising  
a meter bridge that includes an indicator corresponding to a channel control  
15 function, and wherein each of said at least 6 display monitors are integral to the mixing bridge.
17. The audio mixing console of claim 1, comprising at least 10 display monitors integral to the audio console.
- 20 18. The audio mixing console of claim 16, wherein each of said at least 6 display monitors are integral to the mixing bridge.

19. The audio mixing console of claim 1, wherein the console comprises a tally in association with the display monitor to indicate the status of a video signal with respect to the program out.

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20. The audio console of claim 19, wherein said tally is an LED indicator.

21. The audio console of claim 19, comprising 3 tallies per display monitor, indicating the status of a video signal with respect to the program out.

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22. The audio console of claim 19, comprising 3 tallies per display monitor, indicating the status of a video signal with respect to the program out, and the association of an audio channel to the program out.

15 23. The audio console of claim 22, wherein a first tally is a green LED indicator identifying a program preview display, a second tally is a yellow LED indicator identifying a program out display, a third tally is a red LED indicator identifying an audio channel associated with a program out.

20 24. The audio console of claim 1, wherein the control panel function comprises a control switch to allow a predetermined audio signal to be selected based on a corresponding video signal.

25. An audio mixing console for mixing sounds associated with video sources, said console comprising:
- a console layout with a series of controls representing channel modules;
  - 5 a meter bridge that includes an indicator corresponding to a channel control function; and
  - at least one display monitor integral to the meter bridge for displaying a video signal for broadcast.
- 10 26. The audio mixing console of claim 24, wherein the audio mixing console generated a real-time audio signal that corresponds to a real-time video signal generated from a television camera.
27. The audio mixing console of claim 24, wherein the display monitor is a liquid
- 15 crystal display (LCD) monitor.
28. The audio mixing console of claim 24, comprising at least 6 display monitors integral to the meter bridge for displaying a video signal for broadcast.
- 20 29. An audio mix controller, comprising:
- a mainframe for housing audio processing equipment;
  - an incoming video signal;

an incoming audio signal;

an outgoing audio signal;

audio processing devices to associate an outgoing audio signal with a video signal, the devices mounted in the audio mainframe;

5           a console having manually operable input devices for an operator to input control signals that associate an outgoing audio signal with a video signal;

          a monitor housed in the mainframe to display a video signal that corresponds to an outgoing audio signal.

10    30.    The audio mix controller of claim 29, wherein the audio processing device is responsive to input from an operator.

          31.    The audio mix controller of claim 29, wherein the console further comprises a control switch system that provides input to the audio processing device to select a  
15   predetermined audio signal based the video signal.

          32.    The audio mix controller of claim 29, comprising at least six monitors housed in the mainframe to display a video signal that corresponds to an outgoing audio signal.

20    33.    A method of editing television broadcasts, comprising:  
          providing an audio mix console that includes  
                  at least one input connector for receiving a video signal for broadcast,

at least one input connector for receiving an audio signal,  
a control panel that includes a plurality of user operable audio channel  
controls, wherein each of said user operable audio channel controls is operable to  
select a predetermined audio processing function for a respective audio channel,  
5 at least one display monitor integral to the audio console for displaying a  
video signal for broadcast, and  
a signal processing unit for generating an audio output signal;  
reviewing the display monitor to determine the video signal selected for  
broadcast;  
10 selecting an audio channel for to be processed by the signal processing unit and  
generated as an audio output signal.

34. An audio mixing system, comprising:  
a mainframe for housing audio processing equipment;  
15 incoming and outgoing audio signals;  
a console having input devices to input control signals that associate an outgoing  
audio signal with a video signal;  
a monitor to display a video signal that corresponds to an outgoing audio signal.